

Title (en)
Safety mechanism for fastening machine

Title (de)
Sicherheitsvorrichtung für Nagelgerät

Title (fr)
Dispositif de sécurité pour une machine à clouer

Publication
EP 1693155 A3 20080416 (EN)

Application
EP 05103830 A 20050509

Priority
GB 0410208 A 20040507

Abstract (en)
[origin: EP1693155A2] A safety mechanism for a fastening machine (10) of the type wherein fasteners are ejected along a guide channel (23), out of the device and into the required fastening position, by means of a driver (20) with an automated actuating mechanism. A mechanical blocking element (33), normally interposed between the driver and the fastener in the guide channel, prevents said fastener being struck by the driver. This blocking element can be moved to an inoperative position, allowing the driver to strike the fastener out of the guide channel, by an actuator which projects from the device adjacent the exit from the guide channel but can be pushed into the device to deactivate the blocking mechanism when the fastening machine is placed against a substrate into which a fastener is to be inserted.

IPC 8 full level
B25C 1/00 (2006.01)

CPC (source: EP)
B25C 1/008 (2013.01)

Citation (search report)

- [XAY] US 3809307 A 19740507 - WANDEL O, et al
- [X] EP 0056106 A2 19820721 - BEHRENS AG FRIEDRICH JOH [DE]
- [X] US 3950721 A 19760413 - MANGANARO GEORGE F
- [XA] US 3940044 A 19760224 - LAPOINTE GABRIEL M
- [Y] US 4323127 A 19820406 - CUNNINGHAM JAMES D

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1693155 A2 20060823; EP 1693155 A3 20080416; GB 0410208 D0 20040609

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EP 05103830 A 20050509; GB 0410208 A 20040507